

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006097.D
 Acq On : 20 Sep 2021 15:32
 Operator : SY/MD
 Sample : M3797-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26240

Quant Time: Sep 21 02:11:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

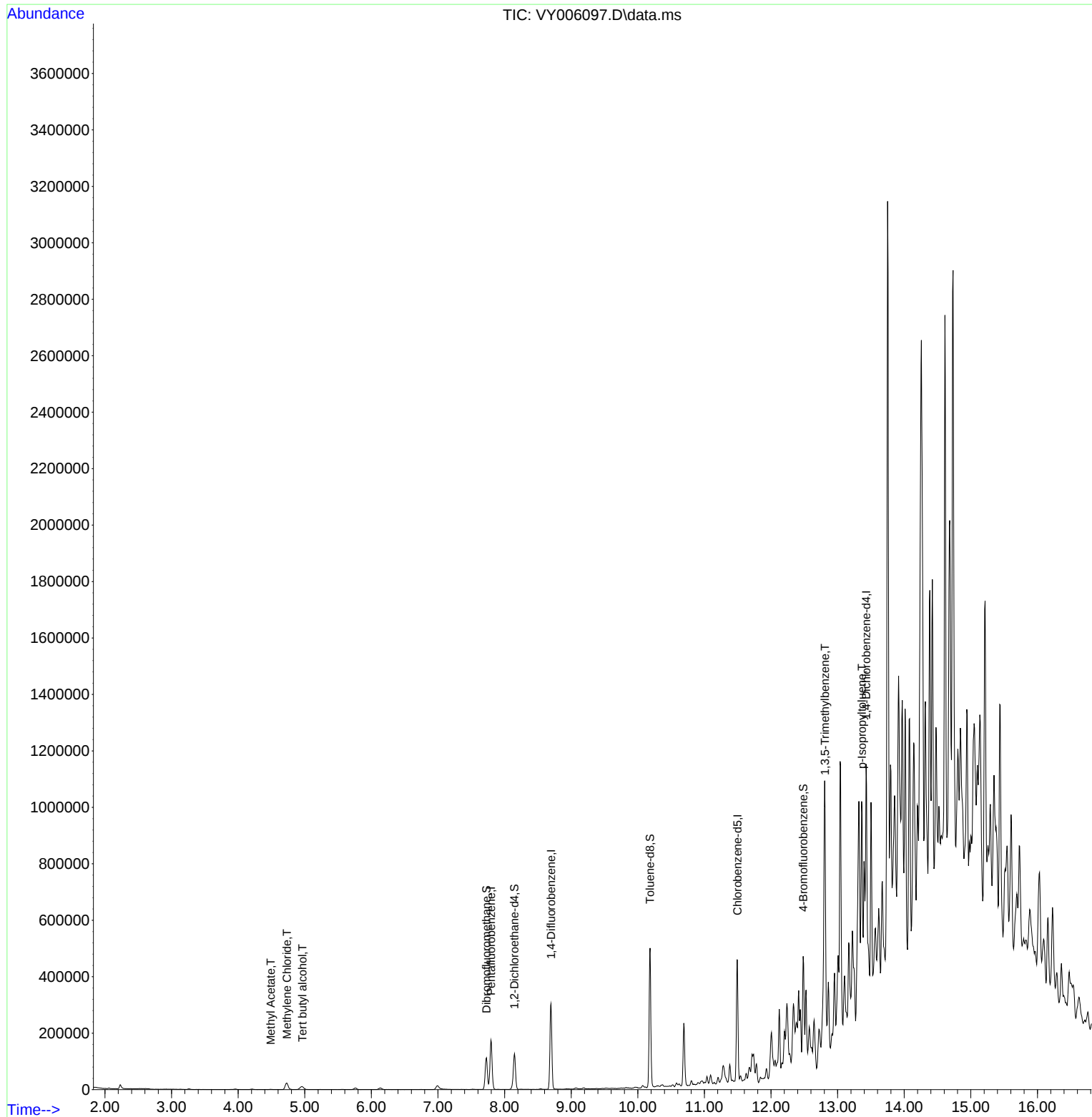
Internal Standards						
1) Pentafluorobenzene	7.795	168	131534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99029	54.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.728	113	76594	50.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.185	98	302869	46.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.360%	
62) 4-Bromofluorobenzene	12.483	95	95372	43.298	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	20107	34.664	ug/l	96
18) Methyl Acetate	4.491	43	1653	1.309	ug/l #	85
20) Methylene Chloride	4.735	84	16707	6.656	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	27770	6.104	ug/l	98
86) p-Isopropyltoluene	13.367	119	39750	7.994	ug/l	98

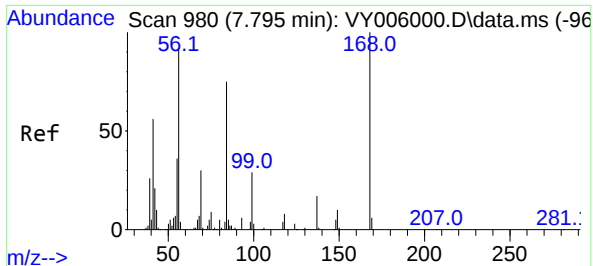
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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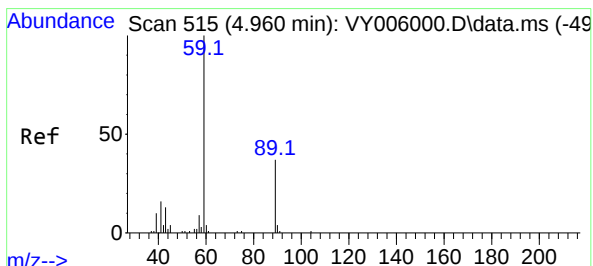
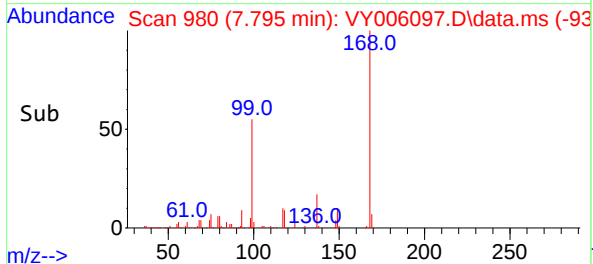
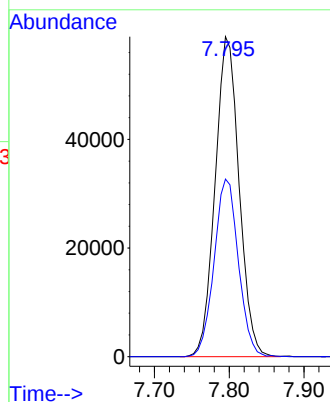
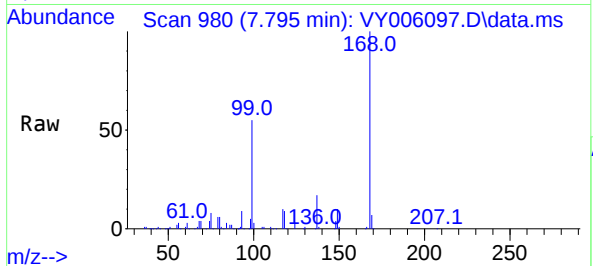




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

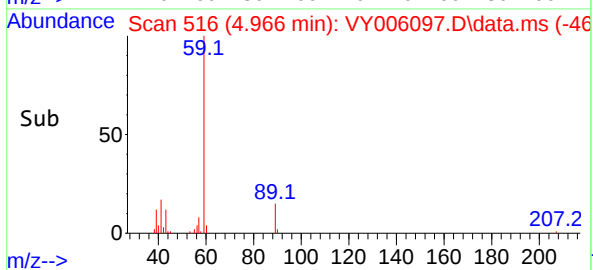
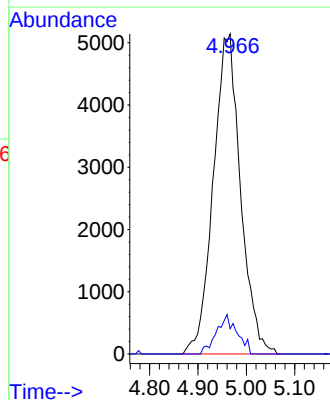
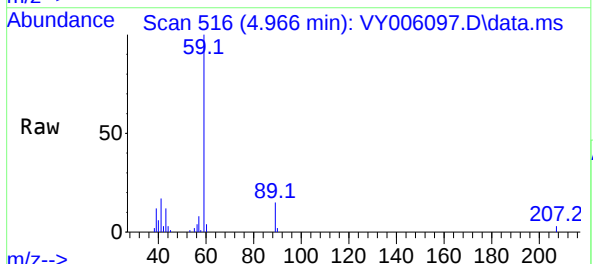
Instrument :
MSVOA_Y
ClientSampleId :
26240

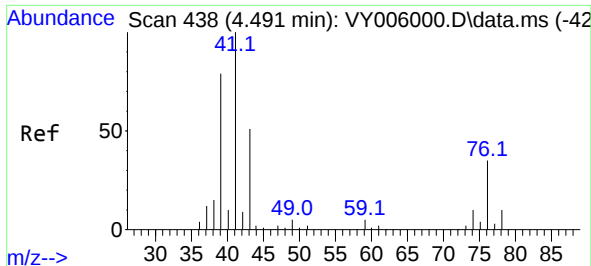
Tgt Ion:168 Resp: 131534
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 34.664 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion: 59 Resp: 20107
Ion Ratio Lower Upper
59 100
57 9.3 6.4 9.6

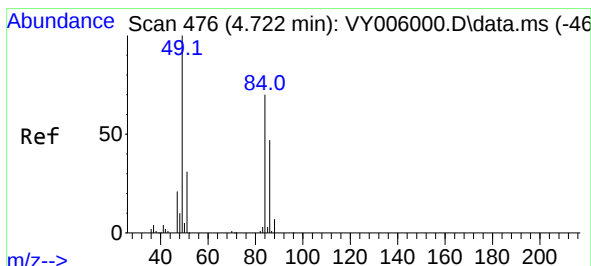
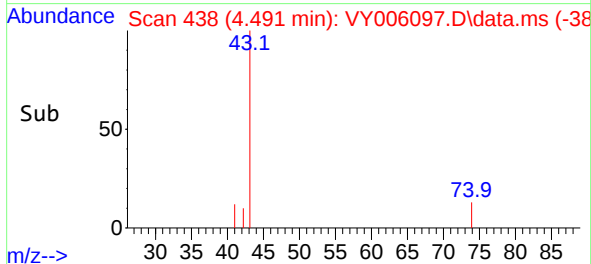
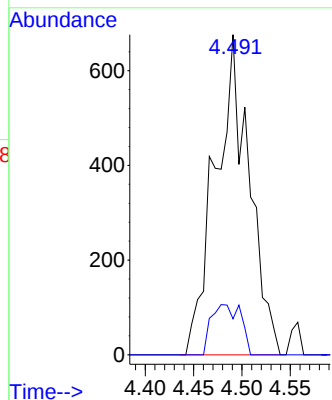
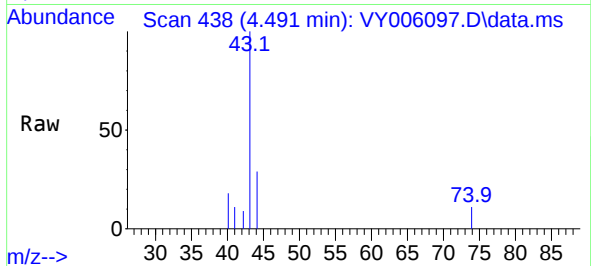




#18
Methyl Acetate
Concen: 1.309 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

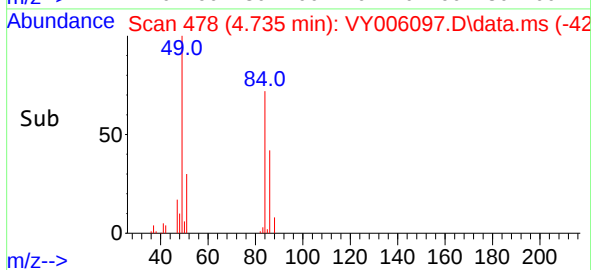
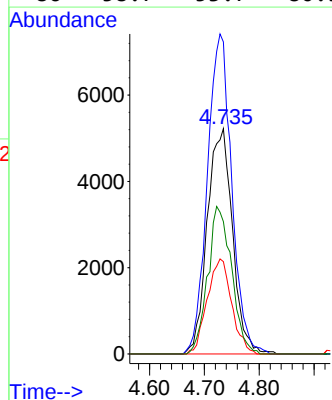
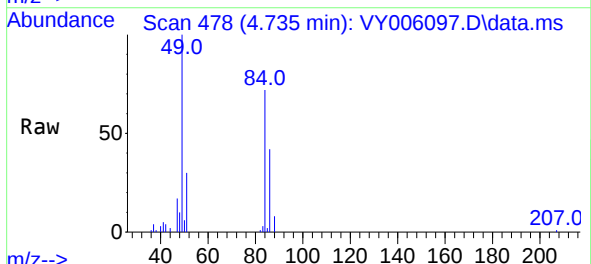
Instrument :
MSVOA_Y
ClientSampleId :
26240

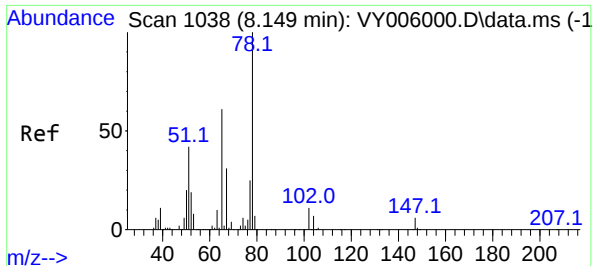
Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
74 13.6 16.6 24.8#



#20
Methylene Chloride
Concen: 6.656 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion: 84 Resp: 16707
Ion Ratio Lower Upper
84 100
49 138.5 114.4 171.6
51 41.0 35.3 52.9
86 58.7 53.7 80.5

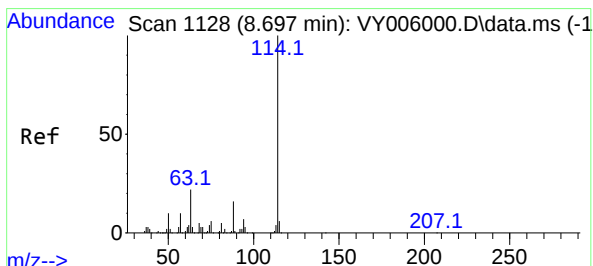
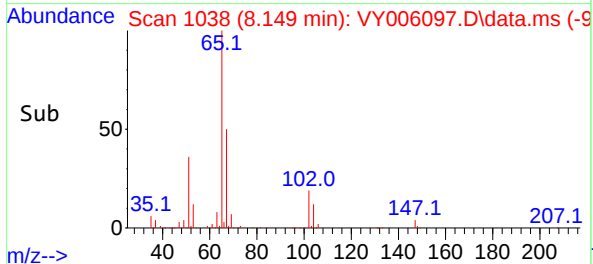
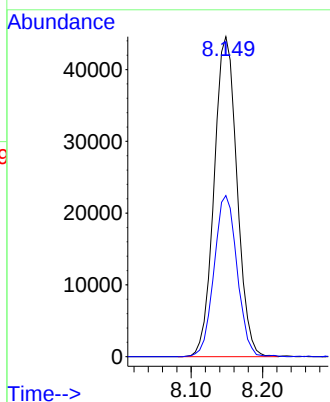
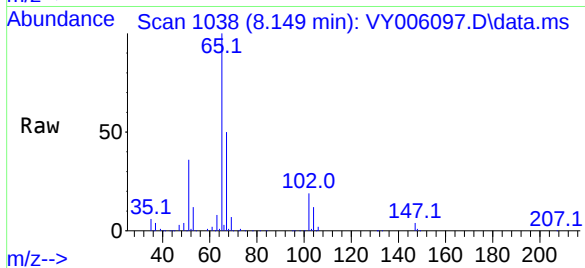




#33
1,2-Dichloroethane-d4
Concen: 54.201 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

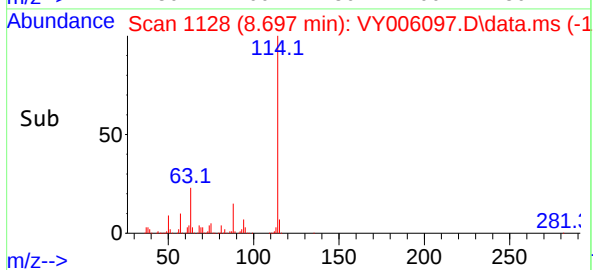
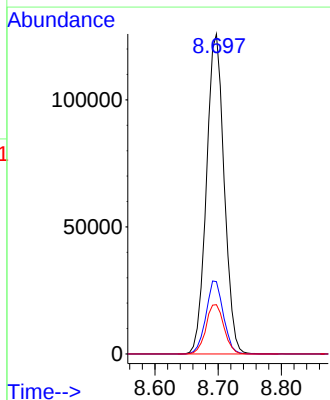
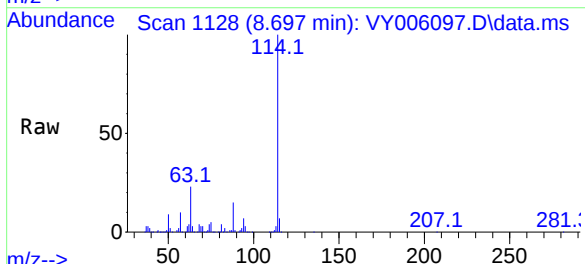
Instrument :
MSVOA_Y
ClientSampleId :
26240

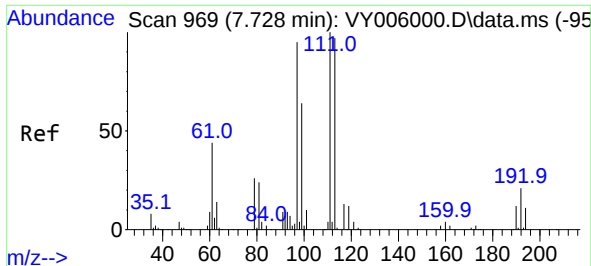
Tgt Ion: 65 Resp: 99029
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion: 114 Resp: 245076
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 15.4 0.0 31.8

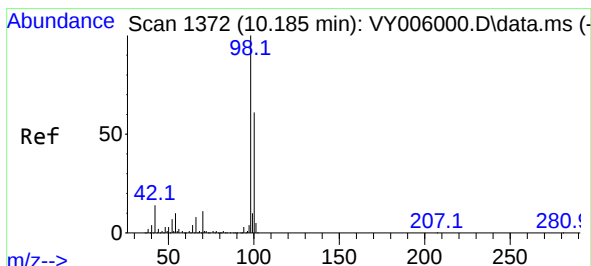
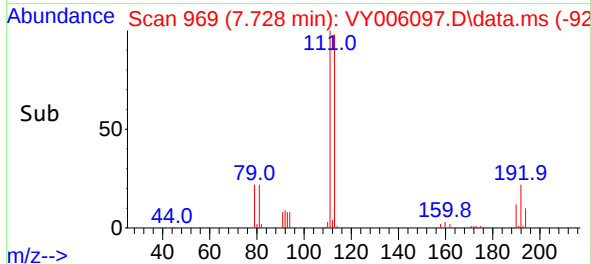
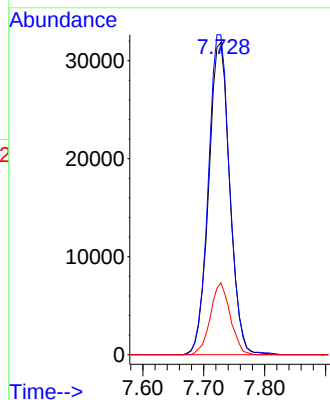
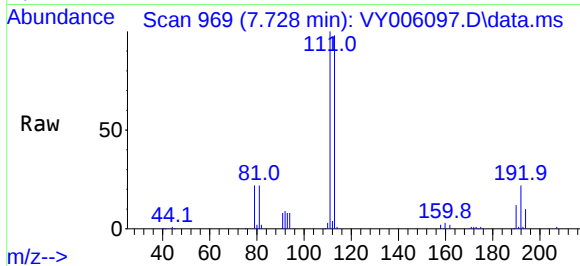




#35
Dibromofluoromethane
Concen: 50.318 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

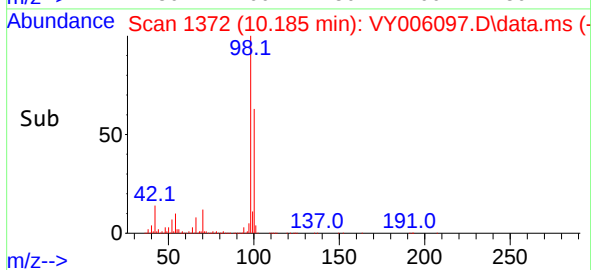
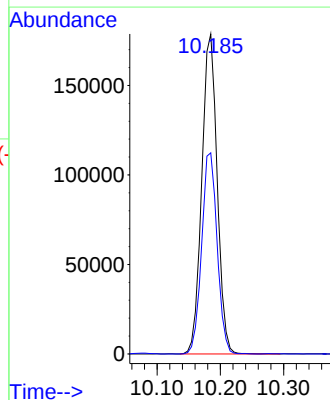
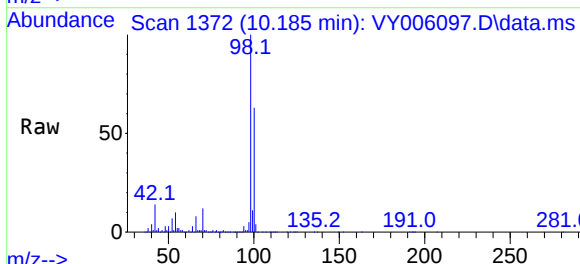
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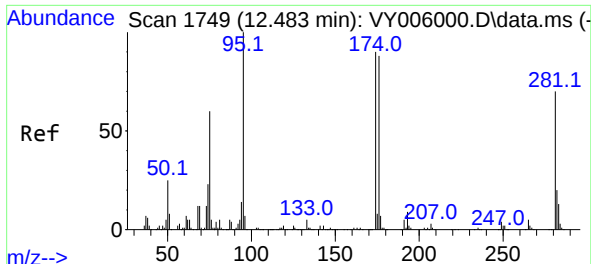
Tgt Ion:	113	Resp:	76594
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	21.7	17.6	26.4



#50
Toluene-d8
Concen: 46.683 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion:	98	Resp:	302869
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.2	75.2

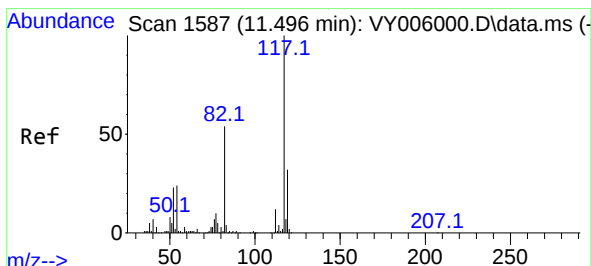
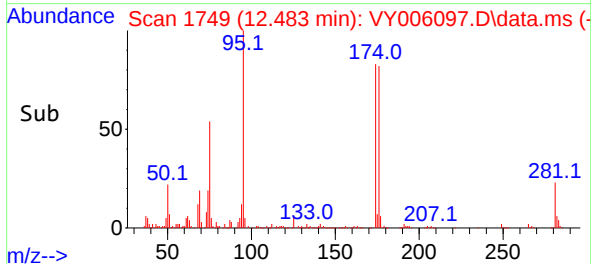
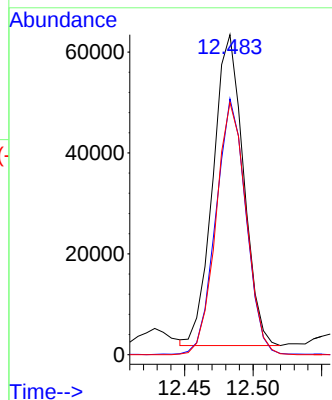
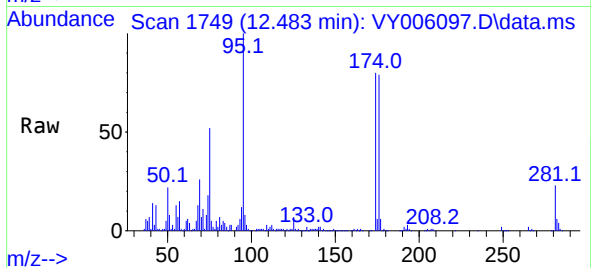




#62
4-Bromofluorobenzene
Concen: 43.298 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

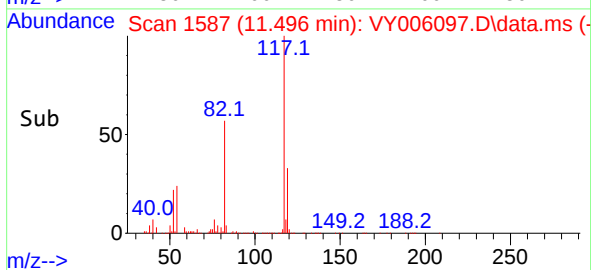
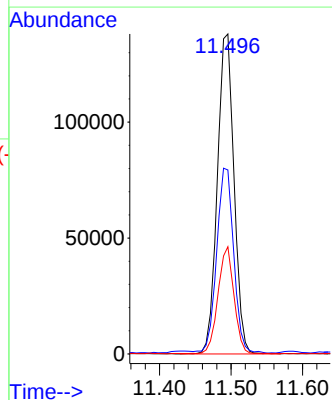
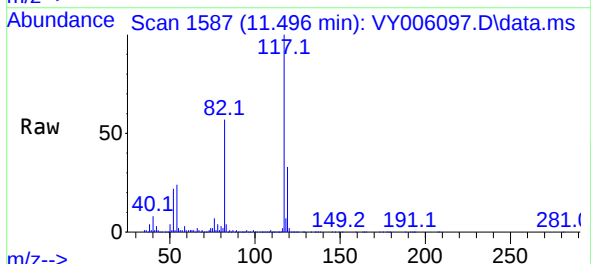
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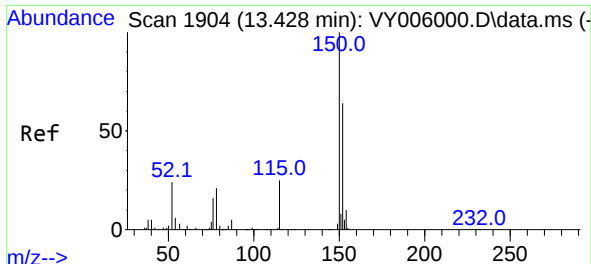
Tgt Ion:	95	Resp:	95372
Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	177.0
176	80.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion:	117	Resp:	223571
Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.0	64.4
119	33.4	25.4	38.0

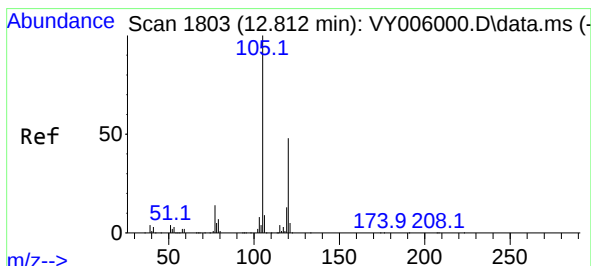
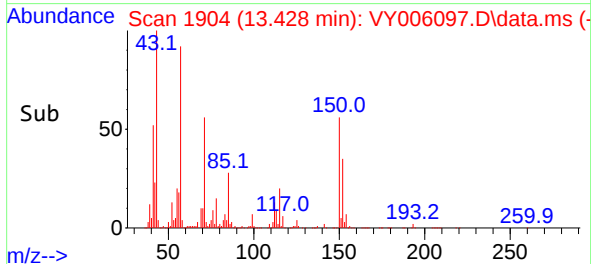
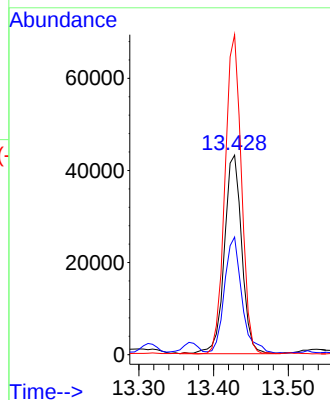
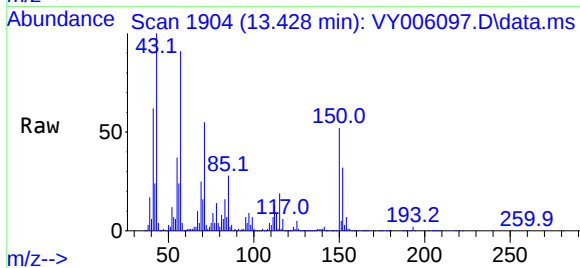




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

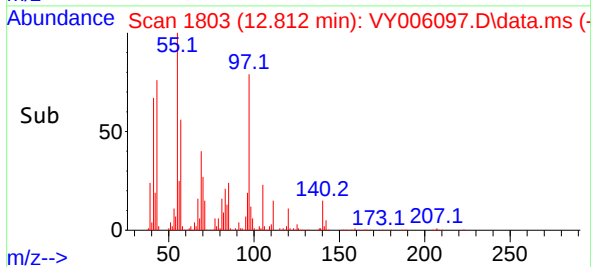
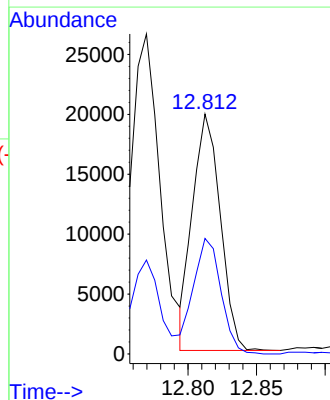
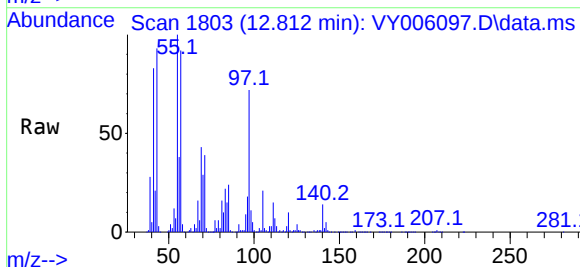
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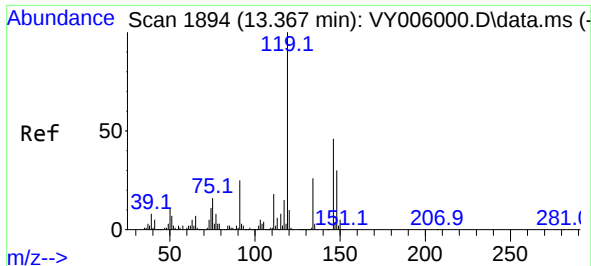
Tgt Ion:152 Resp: 70047
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 151.7 0.0 347.6



#80
1,3,5-Trimethylbenzene
Concen: 6.104 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006097.D
Acq: 20 Sep 2021 15:32

Tgt Ion:105 Resp: 27770
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4





#86
 p-Isopropyltoluene
 Concen: 7.994 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY006097.D
 Acq: 20 Sep 2021 15:32

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Tgt Ion:	119	Resp:	39750
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.2	39.5
91	26.2	12.4	37.2

